



**IN THE
UNITED STATES
PATENT AND TRADEMARK
OFFICE**

Application Number	09/453,801
Filing Date	12/3/99
First Named Inventor	Saswati CHATTERJEE, et al.
Group Art Unit	1636
Examiner Name	G. Leffers, Jr.
Attorney Docket Number	1954-287

Title of the Invention: A METHOD OF GENETICALLY MODIFYING VERY PRIMITIVE QUIESCENT
HUMAN HEMATOPOIETIC STEM CELLS

TECH CENTER 1600/2900

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AMENDMENT

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Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Advisory Action mailed September 5, 2002, Applicants request entry of the following amendments and reconsideration of the application. A Request for Continued Examination accompanies this response.

In the Claims:

Please cancel claims 6, 11, 12 and 16 and amend claims 1, 2, 7, 13, 19-21 and 23 as follows:

Clean Copy of Amended Claims

1. (Amended) A method for stably transferring DNA into multi-potential hematopoietic stem cells in the G0 phase of the cell cycle, which comprises transducing said multi-potential hematopoietic stem cells with an adeno-associated virus vector that contains said DNA, wherein the transferred DNA remains integrated into the genome of the multi-potential hematopoietic stem cells for at least 4 weeks.